

The Bren School of Environmental Science & Management

At the University of California, Santa Barbara

Invites you to

The TMDL Program: Challenges and Solutions

Thursday, May 19, 2005 9:00am – 4:30pm

Location: Bren School of Environmental Science & Management, UCSB

Topics:

1) Determining Impairment and Success (Listing and Delisting)

- € How did we get here? The listing process in perspective
- € What is the current situation? Case studies on listing and delisting
- € What does the future look like? New guidance on listing and delisting

Presented by: Arturo A. Keller and Lindsey Cavallaro, Bren School, UCSB

2) Challenges in collecting data and using models for TMDLs

- € Case studies from the Santa Monica Bay TMDLs

Presented by: Ken Schiff, Southern California Coastal Water Research Project

3) Uncertainty and Margin of Safety

- € What are some of the sources of uncertainty? Case studies from the Santa Clara River, CA and Catawba, NC & SC
- € What is the economic impact of uncertainty in the context of a TMDL? Case study from the Lake Ellsinore & San Jacinto watershed
- € What are some approaches that can be used to determine uncertainty and focus funding to reduce it?

Presented by: Tom Meixner (economic impacts), University of Arizona, and Arturo A. Keller (sources of uncertainty) and Yi Zheng (approaches), Bren School, UCSB

4) Addressing complex chemicals: Mercury TMDLs

- € A process-oriented approach for the St. Louis River watershed, MN
- € A probabilistic approach for Cache Creek, CA

Presented by: Carl Chen and Joel Herr (St. Louis), Systech Engineering, and Bill Labiosa (Cache Creek), Stanford University

For reservations or details, contact Arturo A. Keller at keller@bren.ucsb.edu

